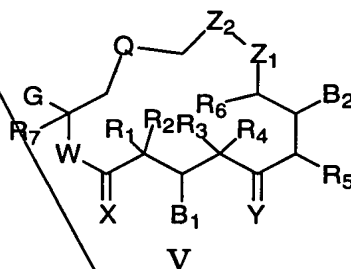
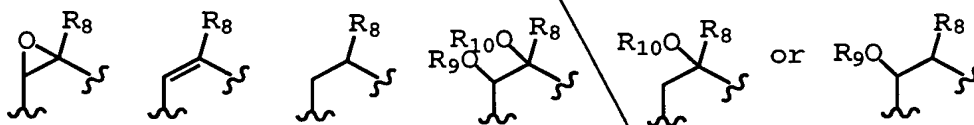


EPOTHILONE DERIVATIVESAbstract of the Disclosure

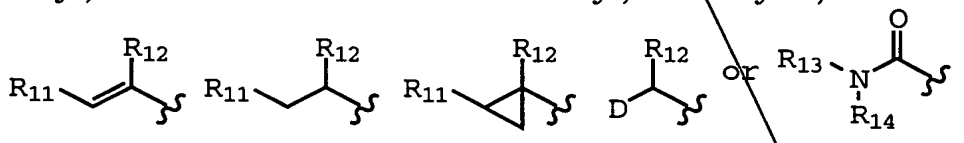
5 The present invention relates to compounds of the formula



10 Q is selected from the group consisting of



15 G is selected from the group consisting of alkyl, substituted alkyl, substituted or unsubstituted aryl, heterocyclo,



W is O or NR<sub>15</sub>;

X is O or H,H;

20 Y is selected from the group consisting of O, H, OR<sub>16</sub>, OR<sub>17</sub>, OR<sub>17</sub>, NOR<sub>18</sub>, H, NOR<sub>19</sub>, H, NR<sub>20</sub>, R<sub>21</sub>, H, H; or CHR<sub>22</sub>; OR<sub>17</sub> OR<sub>17</sub> can be a cyclic ketal;

Z<sub>1</sub>, and Z<sub>2</sub> are selected from the group consisting of CH<sub>2</sub>, O, NR<sub>23</sub>, S, or SO<sub>2</sub>, wherein only one of Z and Z<sub>2</sub> is a heteroatom;

25 B<sub>1</sub> and B<sub>2</sub> are selected from the group consisting of OR<sub>24</sub>, or OCOR<sub>25</sub>, or O<sub>2</sub>CNR<sub>26</sub>R<sub>27</sub>; when B<sub>1</sub> is H and Y is OH, H they can form a six-membered ring ketal or acetal;

D is selected from the group consisting of NR<sub>28</sub>R<sub>29</sub>, NR<sub>30</sub>COR<sub>31</sub> or saturated heterocycle

*P1*  
*Cont*

$R_1, R_2, R_3, R_4, R_5, R_6, R_7, R_{13}, R_{14}, R_{18}, R_{19}, R_{20}, R_{21}, R_{22}, R_{26}$ , and  $R_{27}$  are selected from the group H, alkyl, substituted alkyl, or aryl and when  $R_1$  and  $R_2$  are alkyl can be joined to form a cycloalkyl;  $R_3$  and  $R_4$  are alkyl can be joined to form a cycloalkyl;

5  $R_9, R_{10}, R_{16}, R_{17}, R_{24}, R_{25}$ , and  $R_{31}$  are selected from the group H, alkyl, or substituted alkyl;

$R_8, R_{11}, R_{12}, R_{28}, R_{30}, R_{32}, R_{33}$ , and  $R_{30}$  are selected from the group consisting of H, alkyl, substituted alkyl, aryl, substituted aryl, cycloalkyl, or heterocyclo;

10  $R_{15}, R_{23}$  and  $R_{29}$  are selected from the group consisting of H, alkyl, substituted alkyl, aryl, substituted aryl, cycloalkyl, heterocyclo,  $R_{32}C=O$ ,  $R_{33}SO_2$ , hydroxy, O-alkyl or O-substituted alkyl, the pharmaceutically acceptable salts thereof and any hydrates, solvates or geometric, optical and stereoisomers thereof, with the proviso that compounds wherein

15 W and X are both O; and

$R_1, R_2, R_7$ , are H; and

$R_3, R_4, R_6$ , are methyl; and

$R_8$ , is H or methyl; and

$Z_1$ , and  $Z_2$ , are  $CH_2$ ; and

20 G is 1-methyl-2-(substituted-4-thiazolyl)ethenyl; and

Q is as defined above

are excluded.